

# INSTALLATION - SERVICE INSTRUCTIONS

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## Pinion Yoke Shim

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### PART NUMBERS:

57604.....Special shim used with MW 9" Ford pinion yokes.

### DESCRIPTION

### PRIMARY APPLICATIONS:

Drag race, Street and Oval Track applications where MW pinion yoke or 40300 coupler is used with a stock Ford pinion support.

### INSTALLATION OVERVIEW:

Mark Williams 9" Ford pinion yokes and couplers are shorter overall than stock Ford yokes and shorter from the pinion nut mounting surface to the end of the yoke that seats against the bearing. Adding the 57604 shim effectively lengthens the MW yoke and allows the pinion nut to be tightened without bottoming out. There are two different stock pinion support assemblies available. The most common is the standard support where the front and rear bearings are both M88048. Second is the Daytona support which also uses a M88048 bearing in the front but uses a larger HM89443 bearing in the rear. The 57604 will work in the standard support without modification but when using the Daytona support the shim will need to be shortened approx. .200 to allow for the larger rear bearing in that assembly. It is important to note that there is a small register around the I.D. on one end of the shim. This register is designed to fit into the end of the MW pinion yoke, keeping the shim centered during assembly. Also check the location of mating line between the MW yoke and the 57604 shim. The lip of the pinion seal should be riding totally on either the shim or the yoke. Shim may have to be shortened to move the lip of the seal away from the mating line. It is recommended that a solid preload spacer be used rather than a crush sleeve when a #57604 is needed.



### TORQUE SPECS:

Per requirements of the bearing housing and pinion gear used.

### MAINTENANCE REQUIREMENTS:

Periodic check of pinion nut torque.

